

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU00/00810**A. CLASSIFICATION OF SUBJECT MATTER**Int. Cl. ⁷: B44F 1/12, B42D 15/10 // B42D 205:00, B41M 3/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC B44F 1/-, B42D, B41M 3/14, 1/10

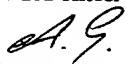
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPAT**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98/33658 A (SECURENCY PTY LTD) 6 August 1998 Whole document	1-12
A	GB 2063775 A (HARRISON JOSEPH REID) 10 June 1981 Whole document	1-12
A	Patent Abstracts of Japan, JP 7-057545 A (DAINIPPON PRINTING CO LTD) 3 March 1995 Abstract and drawings	1-12

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
28 July 2000Date of mailing of the international search report
- 7 AUG 2000Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU00/00810

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5762379 A (SALMON et al) 9 June 1998 Whole document	1-12

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/AU00/00810

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
WO	9833658	AU	57410/98	BR	9806143	ZA	9800737
GB	2063775	NONE					
JP	7-057545	NONE					
US	5762379	NONE					
							END OF ANNEX

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE
in its capacity as elected Office

Date of mailing (day/month/year) 23 February 2001 (23.02.01)	
International application No. PCT/AU00/00810	Applicant's or agent's file reference 40443564tb
International filing date (day/month/year) 05 July 2000 (05.07.00)	Priority date (day/month/year) 07 July 1999 (07.07.99)
Applicant NEMETH, Joshua	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:
09 January 2001 (09.01.01)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer F. Baechler Telephone No.: (41-22) 338.83.38
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 12 MAR 2001

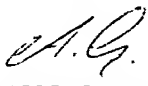
WIPO

PCT

14

Applicant's or agent's file reference 40443564	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).
International Application No. PCT/AU00/00810	International Filing Date (day/month/year) 5 July 2000	Priority Date (day/month/year) 7 July 1999
International Patent Classification (IPC) or national classification and IPC Int. Cl. ⁷ B44F 1/12, B42D 15/10 //B42D 205:00, B41M 3/14		
Applicant NOTE PRINTING AUSTRALIA LIMITED et al		

1.	This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.																
2.	This REPORT consists of a total of 3 sheets, including this cover sheet. <input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of sheet(s).																
3.	This report contains indications relating to the following items: <table border="0"><tr><td>I</td><td><input checked="" type="checkbox"/> Basis of the report</td></tr><tr><td>II</td><td><input type="checkbox"/> Priority</td></tr><tr><td>III</td><td><input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td></tr><tr><td>IV</td><td><input type="checkbox"/> Lack of unity of invention</td></tr><tr><td>V</td><td><input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td></tr><tr><td>VI</td><td><input type="checkbox"/> Certain documents cited</td></tr><tr><td>VII</td><td><input type="checkbox"/> Certain defects in the international application</td></tr><tr><td>VIII</td><td><input type="checkbox"/> Certain observations on the international application</td></tr></table>	I	<input checked="" type="checkbox"/> Basis of the report	II	<input type="checkbox"/> Priority	III	<input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	IV	<input type="checkbox"/> Lack of unity of invention	V	<input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	VI	<input type="checkbox"/> Certain documents cited	VII	<input type="checkbox"/> Certain defects in the international application	VIII	<input type="checkbox"/> Certain observations on the international application
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VI	<input type="checkbox"/> Certain documents cited																
VII	<input type="checkbox"/> Certain defects in the international application																
VIII	<input type="checkbox"/> Certain observations on the international application																

Date of submission of the demand 9 January 2001	Date of completion of the report 28 February 2001
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized Officer  ADRIANO GIACOBETTI Telephone No. (02) 6283 2579

I. Basis of the report

1. With regard to the **elements** of the international application:*
- ☒ the international application as originally filed.
- ☐ the description, pages , as originally filed,
 pages , filed with the demand,
 pages , received on with the letter of
- ☐ the claims, pages , as originally filed,
 pages , as amended (together with any statement) under Article 19,
 pages , filed with the demand,
 pages , received on with the letter of
- ☐ the drawings, pages , as originally filed,
 pages , filed with the demand,
 pages , received on with the letter of
- ☐ the sequence listing part of the description:
 pages , as originally filed
 pages , filed with the demand
 pages , received on with the letter of
2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.
These elements were available or furnished to this Authority in the following language which is:
- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, was on the basis of the sequence listing:
- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished
4. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/fig.
5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims 1-12	YES
	Claims	NO
Inventive step (IS)	Claims 1-12	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-12	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)Cited Prior Art Documents

(D1) WO 98/33658 A (SECURENCY PTY LTD)

(D2) GB 2063775 A (HARRISON JOSEPH REID)

(D3) JP 7-057545 A (DAINIPPON PRINTING CO LTD)

(D4) US 5762379 A (SALMON et al)

NOVELTY(N) AND INVENTIVE STEP(IS): Claims 1-12

The invention of independent claims 1 and 11 is a security document, and method of producing this document, wherein the security document includes a substrate, a smooth highly reflective layer applied to the substrate and having a reflectivity of at least 60 gloss units, and a raised printed image applied to the reflective layer by a printing process and at least part of the raised printed image having a height of at least 10 microns. The printed image is printed using ink having properties which render it substantially transparent or translucent while causing scattering of the light reflectance and transmittance in at least a partially specular manner.

No individual or obvious combination of the cited documents above disclose all the features of the security document as defined. Therefore the invention of claims 1 and 11 are considered to be novel and involve an inventive step.

Claims 2-10 and 12 are appended to these independent claims and hence are also novel and involve an inventive step.

Consequently the invention of claims 1-12 meet the requirements of Articles 33(2) and 33(3) of the PCT.

INDUSTRIAL APPLICABILITY(IA): Claims 1-12

The invention of claims 1-12 is considered to have industrial applicability because the invention can be made or used in industry.